

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**September 2011**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**October 14, 2011**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Dry conditions continued through much of September and temperatures were generally above normal during the month. The number of days where high temperatures reached 100 degrees or more included 3 at Abilene, 7 at San Angelo and 6 at Junction.

Several cold fronts moved across the region during the month which produced scattered rain showers over the hydrologic service area (HSA). Generally, most areas received below normal rainfall for the month. A few isolated areas received healthier rain amounts to provide short-term improvements to the drought-stricken region.

Drought conditions continued to intensify across the HSA during the month. The U.S. Drought Monitor depicted extreme to exceptional drought conditions across west central Texas at the end of September. The USGS Water Watch showed daily streamflows in the HSA were well below normal during the month.

The average precipitation reported from coop observers in September was 0.63 of an inch of rain. The highest monthly precipitation total of 2.85 inches was reported in Crockett County. Coop observers in Menard and Crockett Counties received over 2.00 inches of rain in September.

The San Angelo Regional Airport received 0.43 of an inch of precipitation during September, which was 2.03 inches below normal for the month. The monthly normal rainfall for San Angelo in September is 2.46 inches.

The Abilene Regional Airport received 0.24 of an inch of precipitation during September, which was 2.00 inches below normal for the month. The monthly normal rainfall for Abilene in September is 2.24 inches.

Junction received 0.85 of an inch of rain during September. The estimated average monthly rainfall in September is about 2.37inches.

**Coop Observer Rainfall Totals for September, 2011:**

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	0.20		Merkel 12SW	0.27
Acton Ranch	2.85		Mertzon 12NNW	0.14
Albany	1.70		Ozona	0.80
Anson	1.00		Ozona 22SE	0.39
Ballinger 2NW	0.21		Paint Rock	0.10
Brady	0.00		Putnam	0.03
Brownwood	1.00		Red Bluff Crossing	0.98
Burkett	0.35		Roscoe	0.06
Coleman	0.13		Rotan	0.76
Concho Park	0.28		San Angelo WFO	0.21
Eden	0.89		San Saba 7NW	1.83
Eldorado	0.16		Santa Anna 12SSE	1.01
Eldorado 10W	0.08		Silver Valley	0.58
Fort Griffin	0.40		Sonora	0.86
Fort McKavett	2.29		Stamford	0.62
Glen Cove 2NE	0.60		Taylor Ranch	0.61
Hamlin	0.51		Throckmorton 7NE	0.71
Haskell	0.29		Water Valley	0.04
Hords Creek	0.50		Water Valley 11NE	0.37
Humble Pump	1.34		Woodson	0.11
Junction 4SSW	0.99			
Mason	0.29		(M) <i>Missing data</i>	
Menard	0.42		(T) <i>Trace</i>	

**Reservoir Conditions (end of September, 2011)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	37,560	54
Lake Stamford	51,570	28,620	55
Hubbard Creek Lake	317,800	147,100	46
Hords Creek Lake	8,800	1,930	24
Lake Brownwood	131,428	50,230	38
E.V. Spence	488,760	2,350	0
O.C. Fisher	119,200	1,260	1
O.H. Ivie	554,340	113,600	20
Twin Buttes	177,800	12,560	7

**Hydro Products Issued**

ESF = 2 (Probabilistic Forecast)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for September across the San Angelo HSA is depicted below.

